

# Telling the ITEN Story

Through a special edition of the *Conexiones* journal of the Ministry of Public Education of Costa Rica, ITEN was honored to publish 11 articles in February 2021, and an additional article in July 2021, showcasing good policies, programs, and practices in STEM teacher education from across the region.

ITEN Project Team members drafted the articles, many of whom are first-time authors, as part of their personal leadership development.



12

articles published,  
showcasing experiences from

11 OAS member states



*Conexiones* is aimed at education professionals and serves as a hub to allow the study, reflection, and discussion of significant contributions made in different educational settings.

The ITEN special edition featured some of the following main themes:

- Innovative practices of teachers and teacher education institutions
- STEM focus for gender equity
- Early childhood and STEM
- Teachers as agents of changes
- Empowerment of collaborative networks

The journal is distributed to over **70,000** professionals in Costa Rica, but is now expanding their reach to other countries.

Learn about each ITEN contribution below, and read the full February 2021 edition [here](#).



1

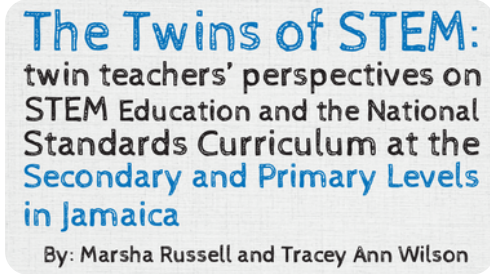


### Article 1:



- **Lynn Jorgensen**, ITEN Teacher Fellow / Physics Teacher, Gilbert High School (USA)

2



### Article 2:



- **Marsha Russell**, Senior Teacher, Jamaica Teaching Council of the MoEY of Jamaica (JM)
- **Tracey Ann Wilson**, Vice Principal, Jamaica Teaching Council of the MoEY of Jamaica, (JM)

3



### Article 3:



- **Laura Muñoz Russo**, Professor of Biology / Specialist in ICT Education, MdE de Tucumán (AR)
- **Estela María Castelli**, Professor of Math, Physics, and Cosmography / Specialist in ICT Education, Ministerio de Educación de Tucumán (AR)

4



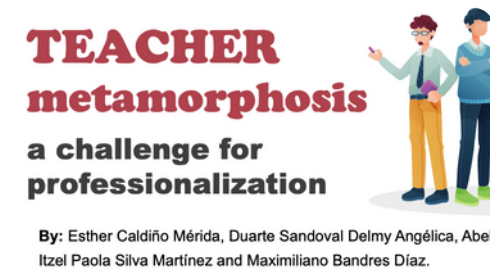
### Article 4:



Jamaica Teaching Council of the MoEY of Jamaica:

- **Bhagya Malladi**, ITEN Teacher Fellow / Master Teacher
- **Joseph Thomas**, Director (Acting), Master Teacher Unit
- **Marsha Russell**, Senior Teacher
- **Borzana Jones-Mullings**, Master Teacher
- **Kerry-Ann Harrison Campbell**, Senior Teacher
- **Zandrea Banton**, Senior Teacher

5



### Article 5:



- **Esther Caldiño**, Professor of Teacher Education, Universidad Marista (MX)
- **Duarte Sandoval**, Teacher Educator in Mathematics Pedagogy, Universidad de El Salvador (ES)
- **Abel Rojas**, Teacher Educator, Ministerio de Educación de El Salvador (ES)
- **Itzel Silva**, Teacher of Primary Education, Secretaría de Educación Pública, (MX)
- **Maximiliano Bandres**, First Vice-President, Venezuelan Society of Natural Sciences, (VE)

6

## STEM training of chemistry teachers in the Dominican Republic



By: Sandra Guerrero Rodríguez.



### Article 6:

- **Sandra Guerrero Rodríguez**, ITEN Teacher Fellow / Physics and Chemistry Teacher, Inmaculado corazón de María, Liceo Tiburcio Millán López (DR)

7



EDUCATIONAL EXPERIENCES THAT CHALLENGE

### Article 7:

- **Leila Nayarith Alarcón González**, ITEN Teacher Fellow / Early Childhood Teacher, Escuela Normal Superior de Ubaté (CO)



8



The question in pedagogical mediation

Title: The question in pedagogical mediation

By: Ana Sofía Salguero López

### Article 8:

- **Ana Sofía Salguero López**, ITEN Teacher Fellow / Early Childhood Teacher, Jardín de Niños Omar Dengo Guerrero (CR)



9



Transforming Educational Practices through STREAM across the Americas

By: Padmanabhan Seshaiyer

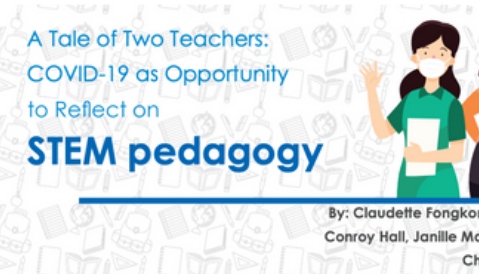
Title: Transforming Educational Practices through STREAM across the Americas

### Article 9:

- **Padmanabhan Seshaiyer**, Professor of Mathematical Sciences, George Mason University (USA)



10



A Tale of Two Teachers: COVID-19 as Opportunity to Reflect on

STEM pedagogy

By: Claudette Fongkong Conroy Hall, Janille Malcolm, Cheryl Sobers

### Article 10:

- **Claudette Fongkong-Mungal**, Senior Lecturer, University of the West Indies, Cave Hill (BB)
- **Conroy Hall**, Lecturer, Shortwood Teacher Training College (JM)
- **Janille Malcolm**, Senior Teacher, Immaculate Conception High School (JM)
- **Cheryl Sobers**, Primary Teacher, St. Patrick's R.C. Primary School (JM)



11



"Fritzy Creative Soap Factory": an integrated proposal for the teaching of science in preschool

By: Milagritos Emma Jáuregui de la Cruz

### Article 11:

- **Milagritos Emma Jáuregui de la Cruz**, ITEN Teacher Fellow / Early Childhood Teacher, Institución Educativa Inicial 090-Santa Rosita de Lima (PE)



Additionally, one more article was published by an ITEN Project Team member in the July edition of *Conexiones*.

ITEN continues to promote the crafting of publications among its members so that they can leave a permanent legacy about their advancements toward the improvement of teacher education across the Americas.

Read the complete July 2021 edition [here](#).



**The role of Professional Organizations in Education:  
The COVID-19 Response in Jamaica by Science Teachers**

Por: Debbie Devonish

Título: The role of Professional Organizations in Education:  
The COVID-19 Response in Jamaica by Science Teachers

### Article 12:

- **Debbie Devonish**, Associate Professor, Department of Science and Sports, University of Technology (UTech), Jamaica (JM)

